

Title: PREDICTIVE COLLISION AVOIDANCE IN MACRODIVERSE WIRELESS NETWORKS WITH FREQUENCY HOPPING USING SWITCHING

FIG. 1

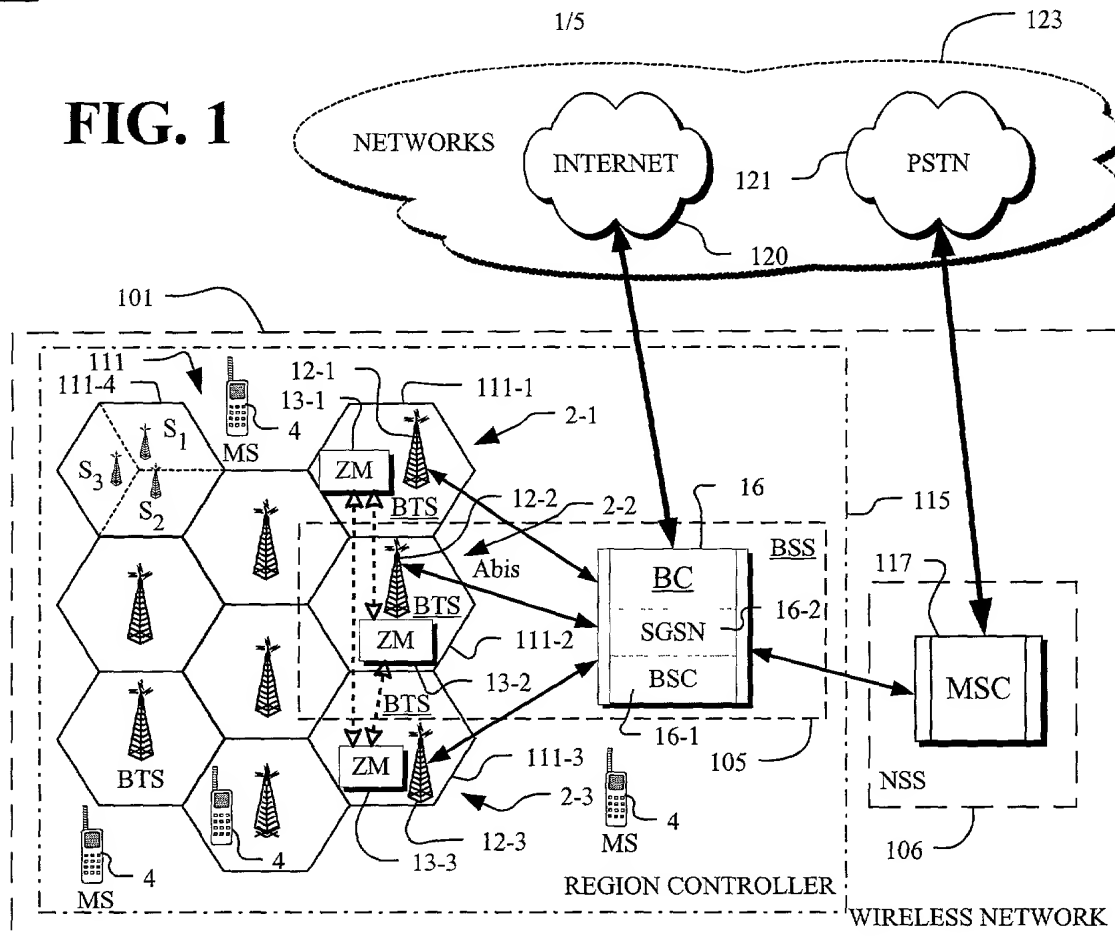


FIG. 2

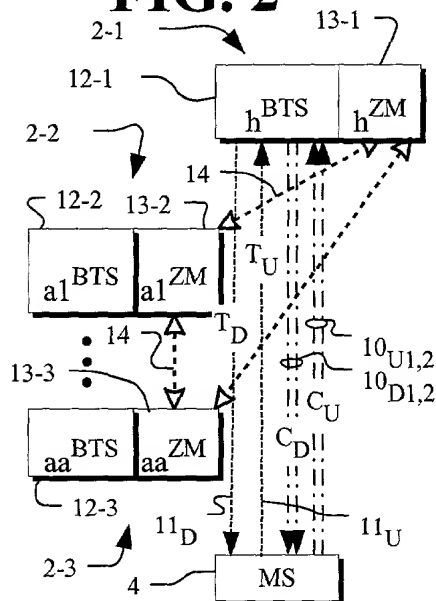
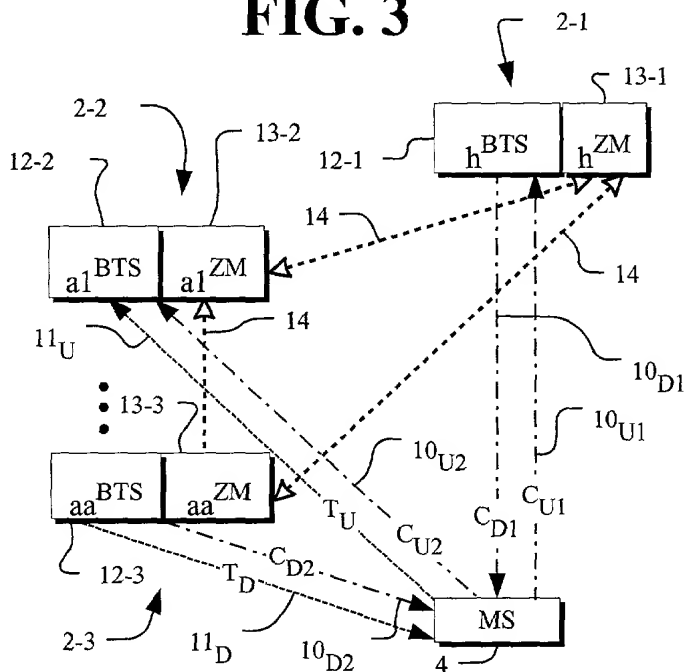


FIG. 3



Title: PREDICTIVE COLLISION AVOIDANCE IN MACRODIVERSE WIRELESS NETWORKS WITH FREQUENCY HOPPING USING SWITCHING

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FIG. 4

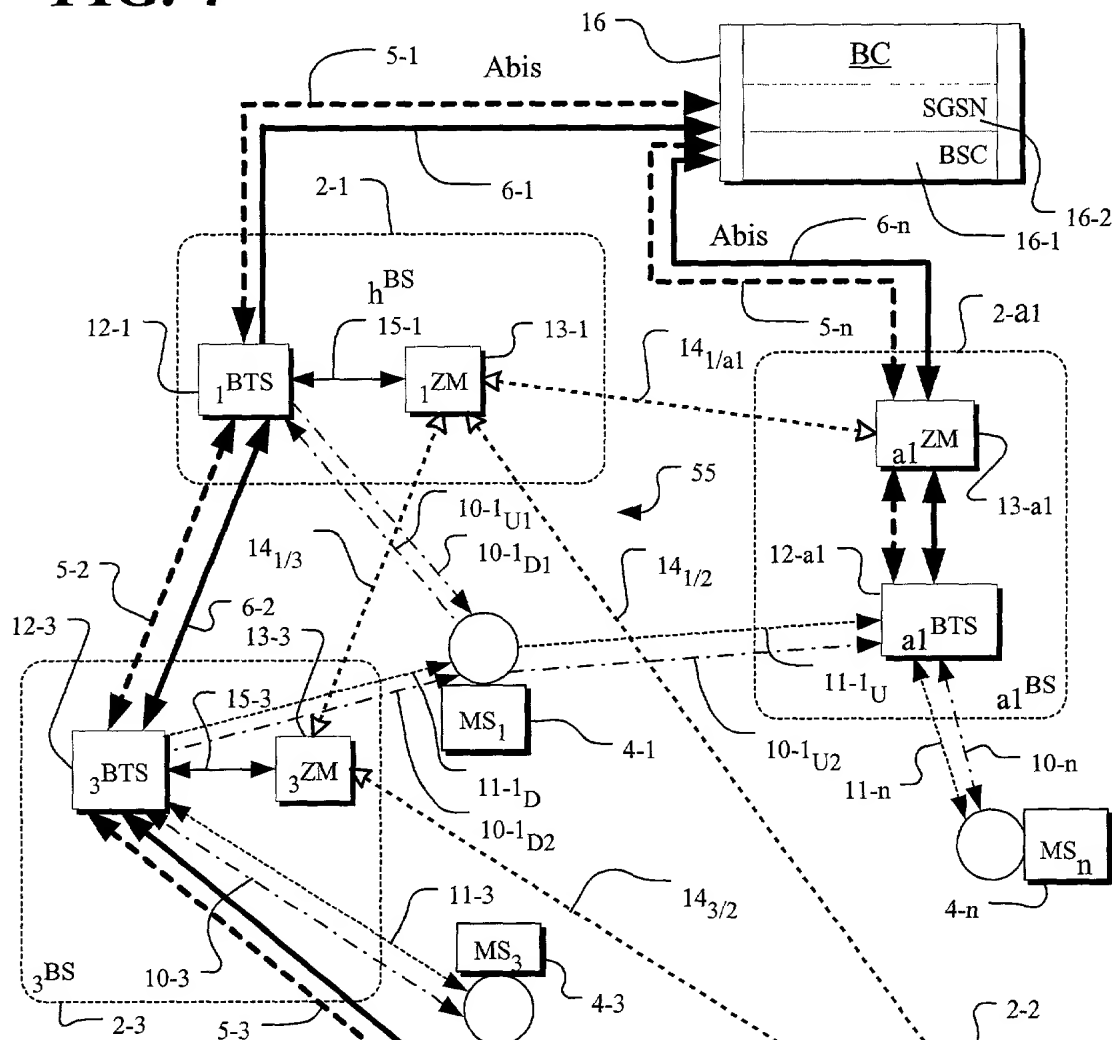
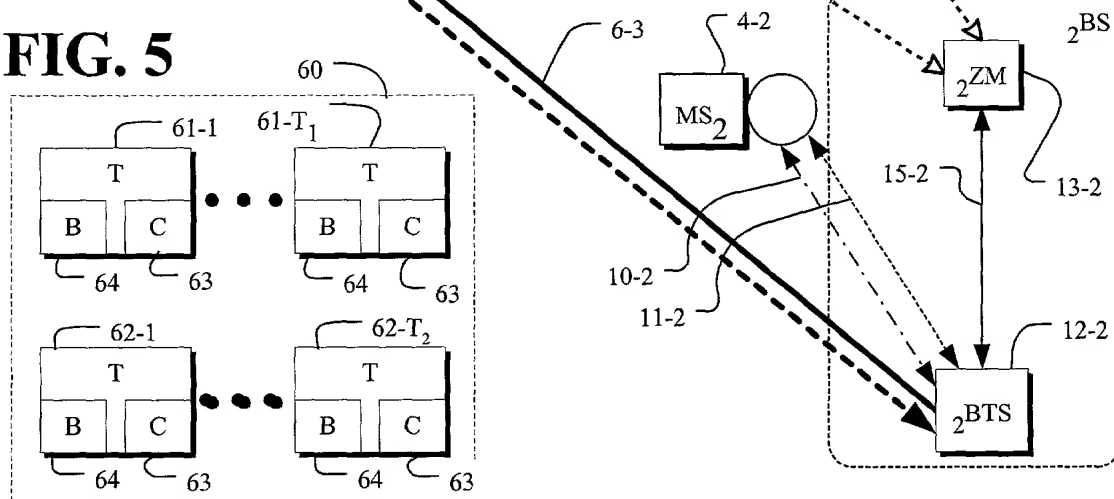
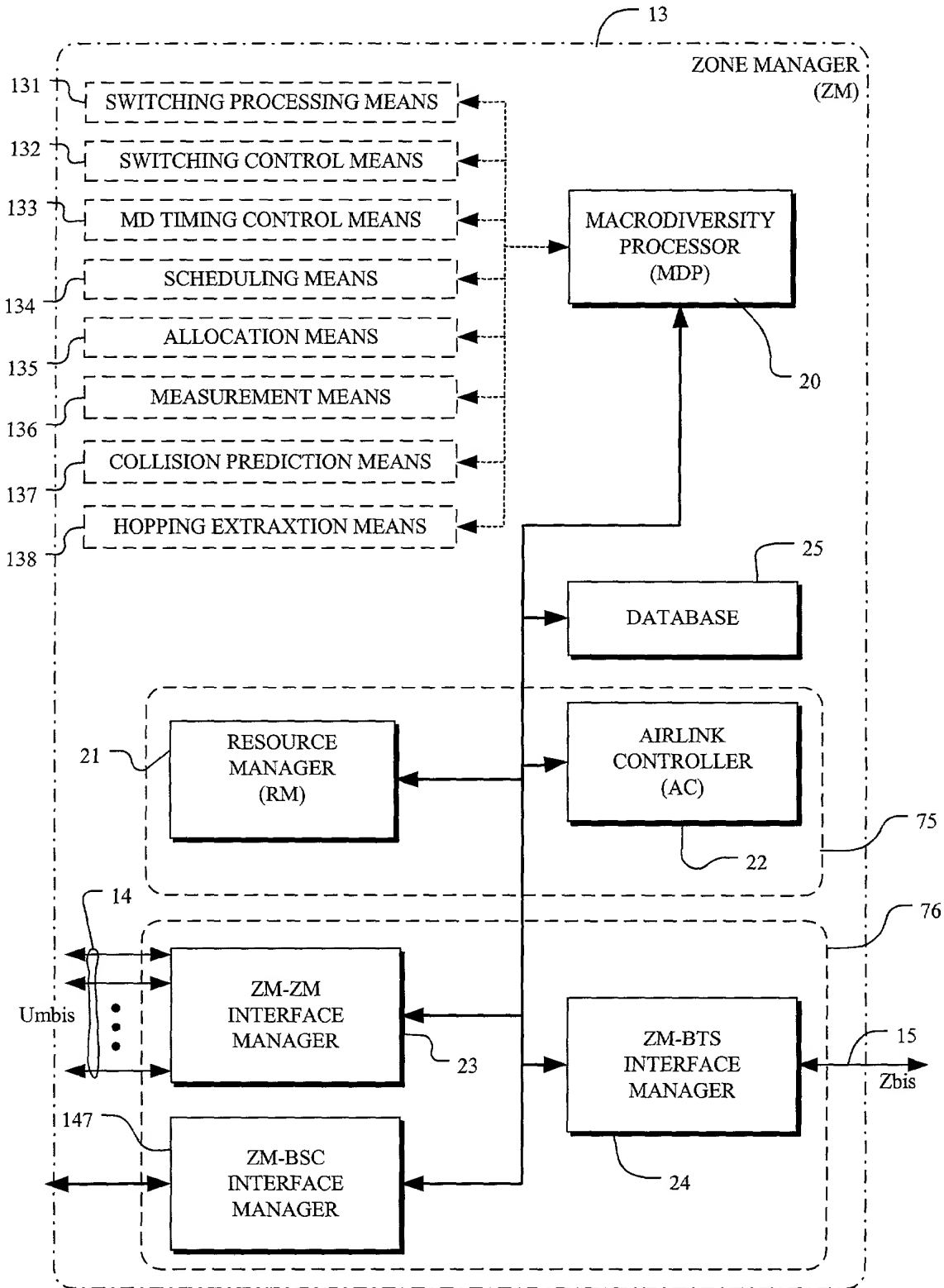


FIG. 5



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FIG. 6



Title: PREDICTIVE COLLISION AVOIDANCE IN MACRODIVERSE WIRELESS NETWORKS WITH FREQUENCY HOPPING USING SWITCHING

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


























































FIG. 7

	MAIO	Hopping Sequence Burst Frequencies							
HS1	1	1	6	5	4	2	8	3	7
	2	6	5	4	2	8	3	7	1
	3	5	4	2	8	3	7	1	6
	4	4	2	8	3	7	1	6	5
	5	2	8	3	7	1	6	5	4
	6	8	3	7	1	6	5	4	2
	7	3	7	1	6	5	4	2	8
	8	7	1	6	5	4	2	8	3
HS2	1	6	3	2	8	1	7	4	5
	2	3	2	8	1	7	4	5	6
	3	2	8	1	7	4	5	6	3
	4	8	1	7	4	5	6	3	2
	5	1	7	4	5	6	3	2	8
	6	7	4	5	6	3	2	8	1
	7	4	5	6	3	2	8	1	7
	8	5	6	3	2	8	1	7	4
		1	2	3	4	5	6	7	8
Time Slot Number 0		Frame Number							
Time Slot Number 1									
Time Slot Number 7									

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FIG. 8

	Hopping Sequence Burst Frequencies							
MS₁ (MAIO1) 1BTS FMS-2BTS								
								
MS₂ (MAIO3) 1BTS FMS-2BTS								
								
MS₃ (MAIO6) 2BTS FMS-1BTS FH/FMS-1BTS FH/FMS-2BTS								
								
								
								
MS₄ (MAIO3) 2BTS FMS-1BTS FMS/FH-2BTS FMS/FH-1BTS								
								
								
								
Time Slot Number 0	1	2	3	4	5	6	7	8
Time Slot Number 1								
Time Slot Number 7								